

What is claimed is:

1. A device for cooling electric equipments of hooded microwave oven, comprising:
5 a ventilation motor assembly mounted on the top of a cavity, for forming both a flow of air for a hood function and a flow of air for dissipating heat from said electric equipments; and
a suction grill which is a passage through which outer air is sucked to the top of said cavity by suction force of said ventilation motor assembly,
10 wherein said electric equipments are positioned in a flow path of said air that is sucked through said suction grill and flows to said ventilation motor assembly.

2. The device as claimed in Claim 1, wherein a bottom plate for defining a bottom surface of an electric equipment installation chamber, in which said electric equipments are mounted, is mounted at a top end of said cavity, whereby said electric equipments are positioned in said flow path of said air flowing from said suction grill to said ventilation motor assembly.

15 3. The device as claimed in Claim 2, wherein a magnetron of said electric equipments is mounted on a side surface of said cavity; a passage hole for guiding said air to said magnetron is formed on said bottom plate; and said air that has passed by said magnetron is guided to said ventilation motor assembly by an air guide.

20 4. The device as claimed in Claim 2, wherein a magnetron of said electric equipments is mounted on said bottom plate and adjacent to an inlet of said ventilation motor assembly.

25 5. The device as claimed in Claim 4, wherein a wave-guide for guiding a microwave generated by said magnetron to the interior of said cavity is mounted on a bottom surface of said magnetron and on said side surface of said cavity.

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